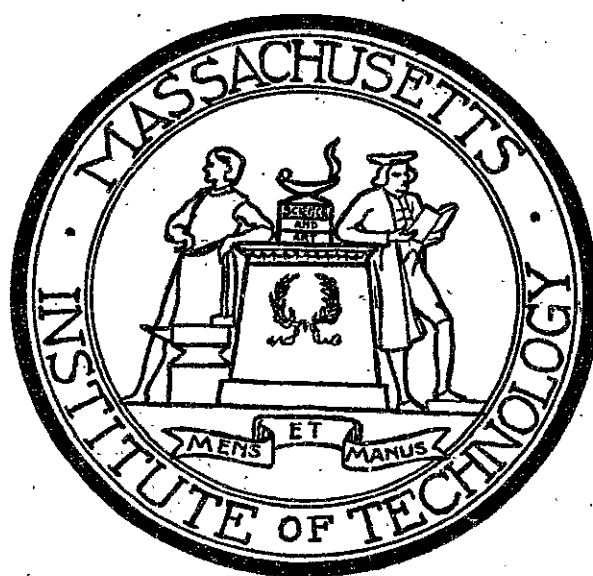


# The Tech



Thursday

October 17  
1901

Vol. 21  
No. 2

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Everywhere**

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CO-OPERATIVE.

# THE TECH

VOL. XXI.

BOSTON, OCTOBER 17, 1901.

NO. 2.

## THE TECH

Published every Thursday, during the college year, by students of the Massachusetts Institute of Technology.

HOWARD SCOTT MORSE, 1903, *Editor-in-Chief*.  
I. RAYNE ADAMS, 1902, *Secretary*.  
H. W. MAXSON, 1901.  
P. G. L. HILKEN, 1901.  
C. A. SAWYER, JR., 1902.  
W. H. FARMER, 1902.  
E. B. MACNAUGHTON, 1902, *Art Editor*.

ARTHUR SMITH MORE, 1902, *Business Manager*.  
DAVID ELWELL, 1904, *Assistant Business Manager*.

OFFICE: 30 ROGERS, 491 BOYLSTON STREET.

### OFFICE HOURS:

Editor-in-Chief, Monday, 11-12.30 P. M.  
Business Manager, Monday, 12-1 P. M.

*For the benefit of students THE TECH will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.*

*Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.*

Subscription, \$2.00 per year, in advance. Single copies, 10 cts. each.

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**Editor's Note:** Because of stress of work Mr. Farmer has felt it necessary to resign the office of Editor-in-Chief of the Tech. He, however, still retains his position on the editorial staff of the Board.

## A High Example.

*Reprinted from the Boston Transcript.*

"The action of the students of the Institute of Technology, abolishing the cane-rush, which was last year attended with such tragic and deplorable consequences, and substituting therefor a relay race and a tug-of-war contest, was a wise and manly position to take, and will doubtless receive general public approval. There may be some difference of opinion respecting their vote to give up football, also, but we think that even

with respect to that sport the reasons that seem to justify the step and the moral courage required in taking it will be conceded by all reflecting persons. There will be all the football necessary, no doubt, for sport and exercise, but it will be confined to the institution itself.

"There was no dictation in the matter, though the advice of President Pritchett was in line with the action taken, on the ground of lack of time for practice. In some institutions a record in intercollegiate football or other athletics appears to be necessary to attract students, but it is not necessary at "Tech." It has not made so conspicuous a record in this respect that it can use such a magnet, but the constantly increasing number of its students and its wider recognition all over the country shows that it does not need it.

"We do not wish to make any invidious comparisons between institutions, but this can at least be said: that there is no seat of higher learning in the country where hard and systematic work is more honored or accomplishes larger results than at the Institute of Technology. Fortunately the work is made interesting as well as hard, and opportunities are presented which students gratefully remember through all their after lives."

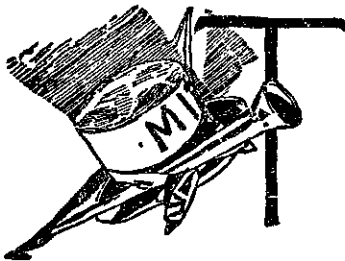


THE attention of the students is called to the copy of "Public Policy" on the exchange shelves in Rogers Library. It contains a marked article on "Practical Application of Uniform Accounting to City

Comptrollers' Reports," with an editorial on the same. It deals comprehensively with a living problem and should be of additional interest to the Tech man as its author is Harvey S. Chase, '83.



WHEN the most reputable and reliable newspaper in Boston sees fit to strongly commend, in the form of an editorial, an action taken by the student body of a college or technical school, such commendation should be brought to the notice of every student of that institution. For this reason we reprint an editorial which recently appeared in the columns of the *Boston Transcript* on the abolition of football and the cane-rush at Technology. The sentiments expressed in the editorial are certainly gratifying and should dispel any regrets which any of the students might have felt at the decision to discontinue the above-mentioned sports. We take the liberty of acknowledging to the editors of the *Transcript*, in behalf of the student body, the compliment they conferred upon us, and trust their esteem in consequence of the action in question will not be lessened by any acts which we may commit in the future.



HERE is comparatively little opportunity for social intercourse at the Institute. There is, however, one privilege upon which the students would most eagerly seize, were they aware of its existence. Mrs. Pritchett shows her interest in the students by extending to them an invitation to call upon her on

Tuesday and Saturday afternoons after five o'clock, at 337 Marlboro Street. This is the only manner in which she may become acquainted with the students as individuals, and she desires her invitation to be accepted in the spirit in which it is given. She would have these occasions entirely informal and emphasizes the fact that an introduction is not needed.

Posters about the buildings proclaim the fact that the 1903 *Technique Board* desires *Grinds*. This call should remind the student that another *Technique* is under construction, and therefore a duty devolves upon him. *Technique* is not published for the students, but by the students. A Board is selected to direct this work, not to perform it. This truth requires especial emphasis when applied to the department of *Grinds*. A few men cannot be elected to be "funny" for fifteen pages of matter. Each student has a share in this work. Each student is responsible for that share. The work will be successful just so far as each feels and assumes this responsibility.

#### Freshmen Class Meeting.

On Thursday, October 10, the Freshman Class was called to order by A. M. Field, President of the Junior Class. The jolly Sophomores were visible to a slight extent and succeeded in nominating two of their number for offices in the Freshman Class. The Freshmen finally realized that it was a meeting of their class and not of the class of 1904, and finished the election of their officers without upper-class assistance. The temporary officers elected were: Norman Lombard, chairman; R. M. Turner, secretary; Messrs. Grant, Burnham, Hastings, Josselyn, Mackie, Seaver and Staples were elected a committee to draw up a constitution. After the election of Mr. Davis as manager of the Football team the meeting was adjourned.



### Football Abolished.

Last Friday morning notices announcing a mass meeting to take action on Football interests, were posted about the Institute. It was announced that the President was to speak. Further than this the purport of the meeting was not indicated. Previous to this meeting was a mass meeting called by the Institute committee to take action on abolishing the Cane Rush. About 500 students assembled at this meeting to which Dr. Pritchett spoke. Having finished his remarks in regard to the abolition of the Cane Rush, the President spoke of the Football at the Institute. The purport of his remarks was that he was not in favor of football at Tech because very few men could afford the time for the game. After further remarks, the President left the hall, and many students, thinking the meeting adjourned, left at the same time, so that when the action was taken in regard to football, there were about half the original number of students present. The Chairman, after a few remarks, asked for an expression from those who wished to have Technology represented by a football eleven. The resulting vote was 119 against to 117 in favor of an eleven. On the strength of this mere expression of opinion from a small minority, the team, to the surprise of all, was disbanded.

The vote taken meant nothing since it was the expression of only a part of the student body; and the disbanding of the eleven on such grounds was probably unconstitutional. It would have been constitutional to have referred the question to the Advisory Council and let the expression of the student vote count for what it was worth. The Council was created for just such purposes, and had the question been referred to them doubtless the right end would have been reached quietly and without unpleasantness.

We agree with the President that under existing conditions the average Tech man

has not the necessary time for football, but we regret that a different means was not taken in bringing about the disbandment. This abrupt withdrawal from contracts for games with other colleges may make it a difficult matter to procure games for another season, even if it is then desired.

As to a remedy for the apathy towards Tech football, we would suggest, for one thing, a more moderate admission fee be charged. Let there be, too, only home games, these to be played on Saturdays. We think that a twenty-five cent admission fee would undoubtedly bring out a far larger student support than has existed in the past, while Saturday home-games would not necessitate any conflicts with exercises at the Institute. Moreover, since the players would lose no exercises by playing, they would be more ready and able to try for the eleven. We trust some plans along these lines may be adopted in another season.

### Freshman Football.

A meeting of those members of the Freshman class who are interested in football was held Saturday morning immediately after the Military Science lecture, in Room 11, Rogers. There were a large number present. Mr. H. W. Kenway of Newton was elected temporary captain. A surprisingly large number of men signed as going to try for the team and it is hoped that with so much material to choose from, a good team can be picked which will defeat the Sophomore team on Field Day. The candidates had their first practice at the Gymnasium Monday afternoon and about fifteen men were present,—a good showing for such a day. The candidates were given signal practice and a few line formations. Daly, '05, acted in the capacity of coach. Practice will be held each afternoon at four o'clock, and it is hoped there will be a large number out.



At the meeting of the Corporation of the Massachusetts Institute of Technology held on October 9, two interesting appointments were confirmed. The first was that of Capt. William Hovgaard, of the Danish Navy, as Professor of Naval Design in the department of Naval Architecture. This appointment is in the direction of strengthening the department along lines which have been contemplated for some time.

Capt. Hovgaard has had an unusual experience both as a constructor and instructor, having for some years been engaged in visiting various shipyards in the United States and other countries on behalf of the Danish government. His reputation as one of the foremost naval constructors is world wide, and his coming will be a source of strength in the work, which the Naval Cadets sent here from Annapolis, are to take.

Another appointment of interest is that of Dr. H. P. Talbot as head of the department of chemistry. Dr. Talbot has for some years past been Professor of Analytical Chemistry, and, since the departure of Dr. Drown, has in a measure acted as head of the department. His appointment is a most fitting recognition of the work which he has done in this capacity; and with the full power of the head of the department he will have an opportunity to develop the work of the Institute in chemistry along the most efficient lines, and, in particular, to give special consideration to the methods of teaching chemistry, to the improvement of the teaching of industrial chemistry, and to the additional work of chemical research.

Professor Bates opened his course in second year English on Monday, the seventh. In place of the five-page theme which has hitherto been required, the students will be expected to write a summary of each of the lectures. Professor Bates began his lecture with a few words in regard to the value of the study of literature to the engineer. Among other things he stated that President Pritchett had under consideration a plan for making English a prescribed study in each year of the regular course at the Institute.

One copy of *Technique 1903* for the five best *Grinds*. Leave *Grinds* at "Cage," addressed *Technique*.

The annual fall handicap games take place on Soldiers field Saturday the 19th. First and second prizes are offered. It is hoped a large number of entries will be made. Admission free.

Fifty men have signified their intentions of trying for the Freshman football team, and, since the 'Varsity will not take the Freshman's best material this year, as has been the custom formerly, a fine team ought to be developed. The services of Mr. David Daly of Harvard Law School, brother to the famous quarterback, will probably coach the team.

Professor Rambeau's course in elementary Spanish seems to be very popular and has opened with a large class. It is possible that in another year this course will be offered in two sections, in order to accommodate the increasing number of students.

#### Calendar.

*Friday, October 18th.*—All Andover men meet in Room 11, Rogers, at 1 o'clock.

*Saturday, October 19th.*—M. I. T. Annual Handicap Meet, Soldiers Field, Cambridge, at 3 P. M.

PROF.—Is your name Ellen?

CO-ED.—No, 'Ellen; spell with a haitch and not with a hee; haitch, hee, hell, hell, hee, hen; 'Ellen.—*Exchange*.

**Football.**

HOLY CROSS 15 — M. I. T., 0.

On Wednesday, October 9, Tech was defeated by Holy Cross at Charles River Park, by the score of 15 to 0. In the first half Holy Cross made two touchdowns by hard line bucking and an occasional trick play which seldom failed to gain distance around the ends. Holy Cross did not score in the second half until but half a minute of play remained, when, with the ball in their possession on Tech's thirty-five-yard line, the Holy Cross men formed an impenetrable semi-circular defence while the ball was passed back, placed on the ground and kicked squarely between the goal posts.

This was Tech's first game and as it had been voted to abolish 'Varsity football at the mass meeting Wednesday noon, the Institute team was disbanded directly after the game.

The line up:—

HOLY CROSS.	M. I. T.
Kelley, l. e.	l. e., McGill
Noon, l. t.	l. t., Ross
O'Neill, l. g.	l. g., Hunter
Boyle, c.	c., Raymond
Foley, r. g.	r. g., Homer
Lawler (Campbell) r. t.	r. t., Doran
Stankard, r. e.	r. e., Hooker
Larkin, q. b.	q. b., Hill
Skelley, l. h. b.	l. h. b., Bruton
Baldwin, r. h. b.	r. h. b., Wood
Reid, f. b.	f. b. Metcalfe

Score, Holy Cross, 15, M. I. T., 0. Touchdowns, Reid (2). Goal from field, Reid. Umpire, Murphy, (Holy Cross). Referee, Crolius (Dartmouth). Linesmen, Sullivan and Smith. Timers, Grice and McCole. Time two fifteen-minute halves.

**Hare and Hounds Club.**

The Hare and Hounds Club opened its season last Saturday with a run from Newton Highlands. Forty-five men turned out for the chase, this being considerably more than the previous record for attendance. H. A.

Stiles, '03, and C. H. Drew, '04, ran hare and laid a trail of about five miles. The course was eastward nearly to Hammond's Pond by a zigzag route through fields and woods, and returning via Boylston street. The trail was good with the exception of a stretch of stony woodland.

H. L. Morse, '99, was out for the run and repeated his old performance of leading the bunch in at the finish. S. T. Worcester, '04, was second in. Most of the new men out kept up well, all finishing inside the limit. The hounds lost time on the hares owing to the delay in catching and returning a bulldog that had broken his strap and wanted to set the pace for the hounds.

The next run will be from Hyde Park, on October 26. The annual business meeting of the club will be held in 26 Rogers at 1 P. M. Friday, October 18. Every member is urged to attend, as there are important matters to be considered.

**Electrical Engineering Society.**

On Saturday, October 12th, the Electrical Engineering Society of the Institute made its first excursion. The destination was the pumping station of the Metropolitan Water System at Chestnut Hill. About thirty-five members met on Walker steps at 1.30 and proceeded to storm the first Reservoir car that gave any sign of vacant space.

Arriving at the station the Society was met by Assistant Engineer Lynch, who conducted them all through the works. Mr. Lynch explained every portion of the machinery and plant; the boilers, the engines, the pumps and the valves; of course with a few of those fish and eel stories interspersed. Mr. Lynch's hospitality was very much appreciated by the society and a vote of thanks was extended to him.

This is the first of a series of excursions which the Electrical Engineering Society proposes to make during the coming

year. It has been thought best to confine the first few trips to purely mechanical plants, steam or hydraulics, and then, later, visit the most important electrical power stations about the city, and, if it can be arranged, the General Electric Co.'s factory at Lynn. The society has arranged for several public lectures by prominent scientific men, exact details of which will be published later. On the whole the year 1901-02 promises to be an epoch-making year in the annals of the Electrical Engineering Society.

### Cross Country Run.

The Junior Class in Railroad Engineering held its annual run, otherwise termed reconnaissance survey, on October 9. The course was laid from Wellesley Hills to Wayland, a distance of approximately eight miles. About

seventy men participated in the run, and with a few exceptions all finished. Professors Allen and Robbins set the pace, although some ambitious men headed the bunch from time to time. The course was well chosen, employing all natural obstacles in that section of the state. Mr. Breed officiated as fruit tree warden, rear guard and general megaphone of the party. Altogether the run was extremely successful, especially from a perspiratory point of view.

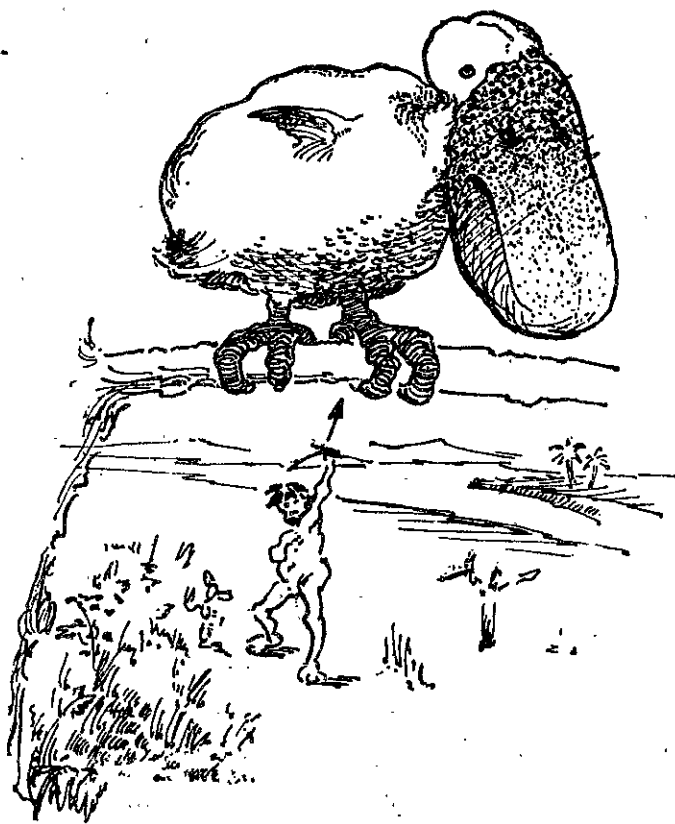
### Class Elections.

This year the annual elections of class officers of each class are to be carried on by mail. This arrangement is more systematic and avoids the confusion attendant on the former method.

The '03 election ballots should be returned to the Secretary of the class in return envelopes by 1 o'clock Saturday, October 19, at which time the "polls" are officially closed.



"Jeu d'esprit." "Departed Spirits."



Some people are out of date like the dodo. Others are up to date like "Tech" subscribers. Question. Are you a dodo?



## CLASS OF 1898.

R. S. Allyn is with Mitchell, Bartlett & Brownell, at 41 Park Row, New York.

C. A. Bennink is drafting with Percy & Polk, architects, San Francisco, Cal.

J. D. Underwood is designing machinery for G. T. McLauthlin & Co., at 120 Fulton St., N. Y.

A. T. Davis is practicing as a heat expert in Portland, Me.

G. M. Godley, has moved to Philadelphia, to take a position with the Midvale Steel Co.

## CLASS OF 1901.

'83. Harvey S. Chase, public accountant and auditor of Boston, formerly of this city, is making the annual audits of the Haverhill Gas Light Co. and the Haverhill Electric Co. Mr. Chase has recently been appointed as consulting expert accountant for the city of Chicago in the pending reorganization and systemization of the municipal accounts of that city.

F. R. C. Boyd, VI., has charge of the special investigation on the development of condensers at the General Electric Works, Lynn.

Miss Anna B. Gallup, VII., is assistant in Biology at the Rhode Island State Normal School.

F. C. Cross, IX., is with the Henneman Coffee Roaster Co., Fitchburg, Mass.

C. W. Cade, X., is with the Geo. F. Blake Mfg. Co., Cambridge, Mass.

F. H. Bass, XI., is teaching in the University of Minnesota, Minneapolis, Minn.

H. L. Grant, XIII., '01, is draughtsman for the New York Ship Bldg. Co., Camden, N. J.

W. L. Danforth, II., is with the plan department of the Factory Mutual Life Insurance Co., Boston.

W. Whipple, II., is with the Cin Clare Central Sugar Refining Co., Cin Clare, La.

F. D. Rash, III., will be assistant engineer with the St. Bernard Coal Co., Earlington, Ky.

C. H. Shivers, IV., is with G. H. Ingraham, architect, Boston.

W. C. Appleton and Ford, IV., are with Peabody & Stearns, architects, Boston.

J. C. Woodsome, VI., is with the New York Telephone Co., New York City.

### Charles Frederick Usher.

The class of "1904" had, last year, in the death of Hugh Moore, an experience of a sort which does not come to most classes in college. Perhaps few men, even of this class, know that during the past summer another member of "1904" lost his life under circumstances most pathetic.

Charles Frederick Usher began his course at the Institute in the autumn of 1900. During the past August, in an effort to save the life of a small child which had fallen into the water, he lost his own life. The testimony of those who witnessed the accident goes to show that young Usher's act was most brave and manly, and that he lost his life in a most unselfish effort to save that of another. Sacrifices of this sort are not so common in our every-day life as to be passed over without mention.

The class of "1904" may well place the name of this young hero on the list of those whom the class will always delight to honor.



THE LOUNGER has read much in his varied existence of the importance and sacredness of the ballot-box; but not until the recent meeting, a week ago Wednesday, when in Huntington Hall, football was abolished at the Institute, has he appreciated fully the republican principle of government by the will of the majority. Football has been abolished by a vote of 112 to 119, a clear majority of seven. Should one, ordinarily, mention that at a football mass-meeting a certain measure was carried by a majority of seven, he would assure himself that a large number of those present were pleased with the measure. That is, he would if he knew the interest taken in football at the Institute. But the case in question is different. Here was an overflow meeting called for another purpose, of more than 227. The only way to account for the low majority would seem to be due to some flaw in the advocacy of the chairman in favor of abolition. It is, of course, well known, and personally THE LOUNGER treasures the thought, that on the gridiron Technology is well-nigh invincible; nevertheless it seems to him that for 227 individuals to decide what 1400 shall do, is, to put it mildly, forgetting the law of majority government. Let it not be understood that THE LOUNGER thinks that the majority of the 1400 care, as Elbert Hubbard would say, "a damn," for the gentle amusement in question, yet the consciousness remains that something is wrong. To look at another side of the question; in that eminent daily called "*The Boston Herald*," THE LOUNGER was pleased to note in regard to the matter, this: "Now that football has been abolished, we wonder how the Massachusetts Institute of Technology will get along without that department." But this is, THE LOUNGER submits, an inversion of the conditions. The real question is: How will that department get along without Technology? That is the *real* question. Will football survive at large, now that it has been put *hors de combat*, by the *tour de force* on the part of the chairman, and the Freshman constituency, of Wednesday's meeting? It seems that we, at any rate, have reached the omega of our football career. Football at the Institute rose many years ago in a cloud, and it has set in a fog. And here THE LOUNGER leaves it. For the present, at least, *requiescat in pace*.

There seems to have been a general misapprehension as to the object of the cartoon which appeared in the last issue of THE TECH; but decidedly the deadliest misapprehension was that which surmised that THE TECH was to develop into a publication like that sublime criterion of the humorous, *The Harvard Ponpoon*. To quote milder misinterpretations current, THE LOUNGER has selected the following epistles which came to him from inquiring Freshmen:—

"Somebody told me THE TECH said to get two of Professor Adams' Letter Plates, so I did. When I found out it was a joke, I tried to sell one copy to Professor Adams, but he only laughed. What shall I do about it? — '05"

Try the Secretary's office. Petition the Faculty. If that doesn't work, get Prof. Dewey to give you a heart-to-heart talk about the economics of purchasing new editions considered as a form of charity.

Another, which rather rebounds on the cartoonist:

"DEAR LOUNGER: I was reading my TECH in the Secretary's office, and I saw that picture in the upper right hand corner, and I laughed. I showed it to a slim man who was fixing my tabular view, and said, 'That's pretty good of Arlo, isn't it?' But he didn't seem to think it was funny. Wasn't it meant for Arlo?"



THE LOUNGER must admit he is somewhat startled at the new doctrine of expansion which the Institute authorities have been recklessly pursuing since the opening of Tech: expansion to such an extent that several rooms in the old Technology club-house have been sufficiently remodelled to permit of their inhabitation by a host of students. There are few upperclassmen who can imagine the portly form of a noted Professor, seated on a broad window sill, swinging his feet to and fro, while many Freshmen, seated in Turkish fashion on the hard and splintered floor, are endeavoring to master the elements of a foreign language. Equally difficult to contemplate is the tableau presented by a class in mathematics, figuring the volume of a truncated pyramid, with the best of charcoal, on a many flowered and gold-bedecked wall paper. Such, however, is the case, and THE LOUNGER must admit his skepticism as to the result. Unhampered expansion is surely a good policy for this growing Institution to carry out, but the success must be slight until the expansion can be made with lesser difficulties.

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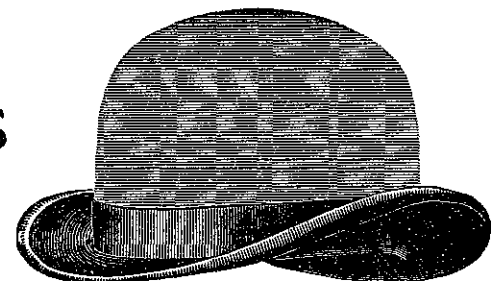


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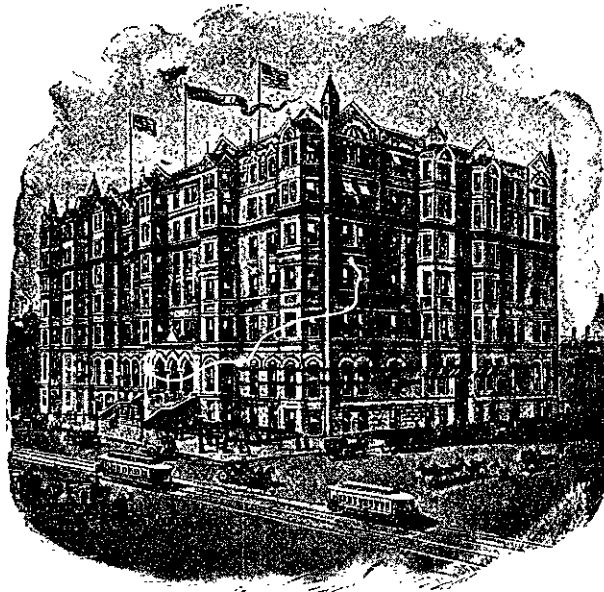
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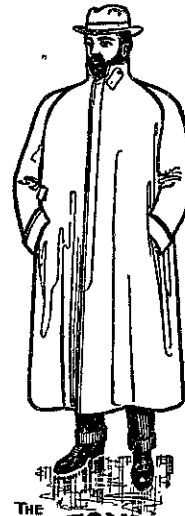
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**Tremont Theatre.**—Last week of Marguerite Sylvia in the "Princess Chic." Next week Frank Daniels with a company of one hundred will be seen in the operatic comedy, "Miss Simplicity." The play is well staged, the company is magnificently gowned, and everything is dainty, delicate and above all, amusing.

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**Castle Square Theatre.**—"Pudd'nhead Wilson" for the rest of this week. Next week an elaborate revival of Howard's great war drama, "Shenandoah," will be given. This play is too well known to need describing.

**Columbia Theatre.**—Rice's "Evangeline" for the rest of this week. Next week the first appearance in Boston of the great burlesque review, "The King's Carnival." The cast is made up of some 200 people. Magnificent scenery, costumes, and choruses.

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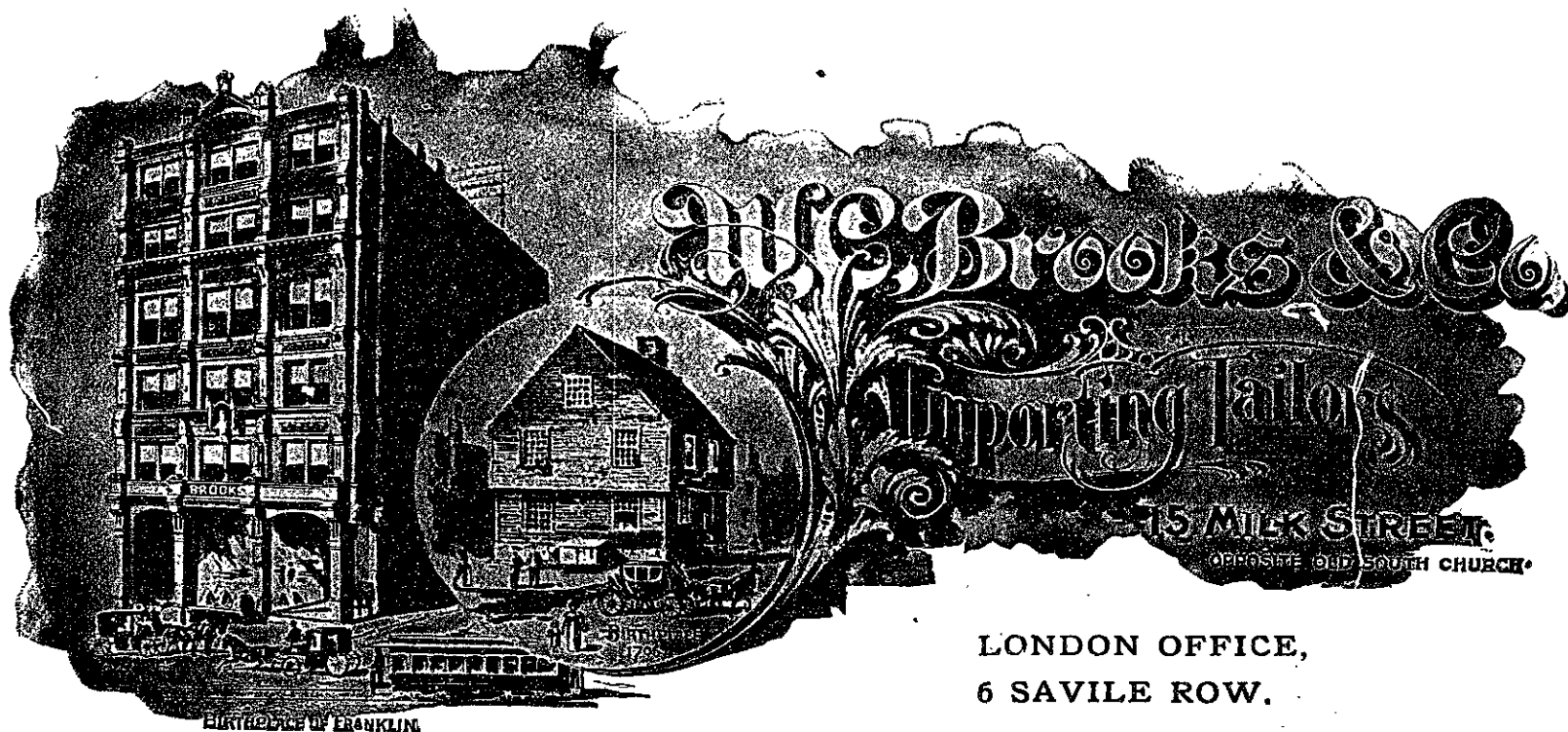
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